

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-12 (canceled)

1 **Claim 13 (previously presented):** A device for
2 preventing an incorrect insertion of a cartridge into a
3 cartridge storage space, the cartridge including an
4 information recording medium disposed within a housing, the
5 housing having at least one of a recessed part and a
6 through hole disposed at a position other than a central
7 position of the housing, said device comprising:

8 a claw operable to protrude into the recessed part or
9 the through hole of the cartridge only when the cartridge
10 is inserted into the cartridge storage space in a correct
11 orientation; and

12 a stopper operable to work with said claw such that
13 when said claw protrudes into the recessed part or the
14 through hole of the cartridge, said stopper is disposed to
15 allow the cartridge to be inserted and stored in the
16 cartridge storage space, and when said claw does not
17 protrude into the recessed part or the through hole of the
18 cartridge, said stopper is disposed to prevent the
19 cartridge from being inserted and stored in the cartridge
20 storage space.

1 **Claim 14 (previously presented):** A device as claimed
2 in claim 13, the cartridge being inserted into the
3 cartridge storage space in a correct orientation when the
4 cartridge is inserted from a predetermined direction into
5 the cartridge storage space.

1 **Claim 15 (previously presented):** A device as claimed
2 in claim 13, further comprising a joint part operable to
3 join said claw with said stopper, said joint part being
4 disposed to rock on a shaft as a fulcrum.

1 **Claim 16 (previously presented):** A device as claimed
2 in claim 13, said device further comprising a plurality of
3 at least one of said claw and said stopper.

1 **Claim 17 (previously presented):** A device as claimed
2 in claim 13, said device being used with the cartridge
3 which contains a magnetic tape reel within the housing and
4 the recessed part or the through hole of the cartridge
5 being used for inserting a reel base of a cartridge control
6 device that engages with the magnetic tape reel.

1 **Claim 18 (previously presented):** A device for
2 preventing an incorrect insertion of a cartridge into a
3 cartridge storage space, the cartridge including an

4 information recording medium disposed within a housing, the
5 housing having at least one of a recessed part and a
6 through hole disposed at a position other than a central
7 position of the housing, said device comprising:

8 a claw operable to protrude into the recessed part or
9 the through hole of the cartridge only when the cartridge
10 is inserted into the cartridge storage space in a correct
11 orientation;

12 a claw position detecting part operable to detect when
13 said claw protrudes and does not protrude into the recessed
14 part or the through hole of the cartridge, and output a
15 detection result; and

16 a determining part operable to determine whether the
17 insertion of the cartridge is in a correct orientation
18 based on the detection result of said claw position
19 detecting part, and output a determination result.

1 **Claim 19 (previously presented):** A device as claimed
2 in claim 18, the cartridge being inserted into the
3 cartridge storage space in a correct orientation when the
4 cartridge is inserted from a predetermined direction into
5 the cartridge storage space.

1 **Claim 20 (previously presented):** A device as claimed
2 in claim 18, said determining part being operable to
3 activate at least one of: a suspension operation to suspend

4 the insertion; an operation to inform the user of incorrect
5 insertion; and an ejection operation to eject the cartridge
6 from the cartridge storage space, when said determining
7 part determines that the insertion of the cartridge is not
8 in a correct orientation.

1 **Claim 21 (previously presented):** A cartridge changer
2 for performing cartridge changing and preventing an
3 incorrect insertion of a cartridge into a cartridge storage
4 space, the cartridge including an information recording
5 medium disposed within a housing, the housing having at
6 least one of a recessed part and a through hole disposed at
7 a position other than a central position of the housing,
8 said cartridge changer comprising:

9 a plurality of cartridge storage parts each of which
10 includes the cartridge storage space for mounting the
11 cartridge;

12 a moving mechanism operable to move a selected one of
13 said plurality of cartridge storage parts from a first
14 position, at which a user inserts the cartridge into the
15 cartridge storage space, to a second position which is
16 different than the first position; and

17 a device disposed in at least one of the first
18 position, the second position, and the plurality of
19 cartridge storage parts, said device comprising:

20 a claw operable to protrude into the recessed
21 part or the through hole of the cartridge only when the
22 cartridge is inserted into the cartridge storage space in
23 a correct orientation; and

24 a stopper operable to work with said claw such
25 that when said claw protrudes into the recessed part or the
26 through hole of the cartridge, said stopper is disposed to
27 allow the cartridge to be inserted and stored in the
28 cartridge storage space, and when said claw does not
29 protrude into the recessed part or the through hole of the
30 cartridge, said stopper is disposed to prevent the
31 cartridge from being inserted and stored in the cartridge
32 storage space.

1 **Claim 22 (previously presented):** A cartridge changer
2 as claimed in claim 21, the cartridge being inserted into
3 the cartridge storage space in a correct orientation when
4 the cartridge is inserted from its backside into the
5 cartridge storage space.

1 **Claim 23 (previously presented):** A cartridge changer
2 as claimed in claim 21, the second position being adjacent
3 to a cartridge inserting point of a cartridge control
4 device used for recording information to and/or reproducing
5 information from the information recording medium.

1 **Claim 24 (previously presented):** A cartridge changer
2 as claimed in claim 21, further comprising a cartridge
3 control device disposed in a position adjacent to the
4 second position, said cartridge control device comprising:
5 a second cartridge storage part for mounting the
6 cartridge; and
7 a control part operable to record information to
8 and/or reproduce information from the information recording
9 medium.

1 **Claim 25 (previously presented):** A cartridge changer
2 as claimed in claim 24, said cartridge control device
3 further comprising a second device operable to prevent an
4 incorrect insertion of the cartridge into said second
5 cartridge storage part.

1 **Claim 26 (previously presented):** A cartridge changer
2 as claimed in claim 25, said second device being operable
3 to detect that the cartridge has been inserted into said
4 second cartridge storage part in an incorrect orientation.

1 **Claim 27 (previously presented):** A cartridge changer
2 as claimed in claim 26, the cartridge being inserted into
3 said second cartridge storage part in a correct orientation
4 when the cartridge is inserted from its foreside into said
5 second cartridge storage part.

1 **Claim 28 (previously presented):** A cartridge changer
2 as claimed in claim 25, said second device containing a
3 projection for preventing the incorrect insertion of the
4 cartridge into the said second cartridge storage part,
5 wherein a notch provided on a corner of the cartridge must
6 be aligned with said projection for correct insertion.

Claims 29-43 (canceled)